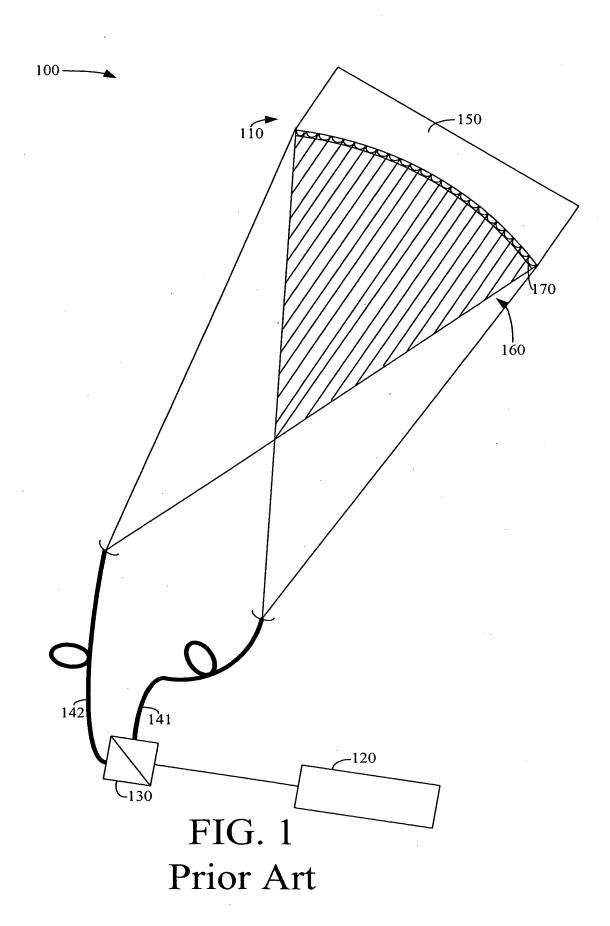
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Title: Self-Aligning Holographic Optical... Inventors: Mikes et al. Docket No: 10004281-1; Page 2 of 6

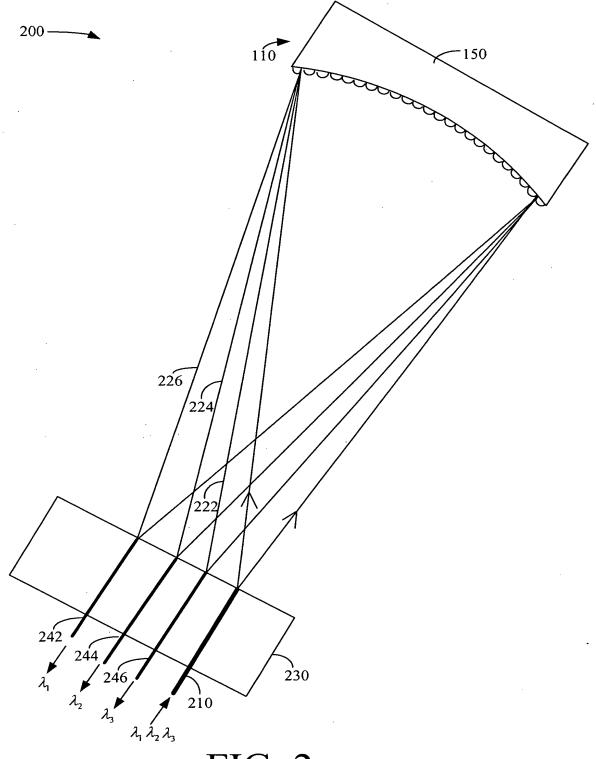


FIG. 2 Prior Art

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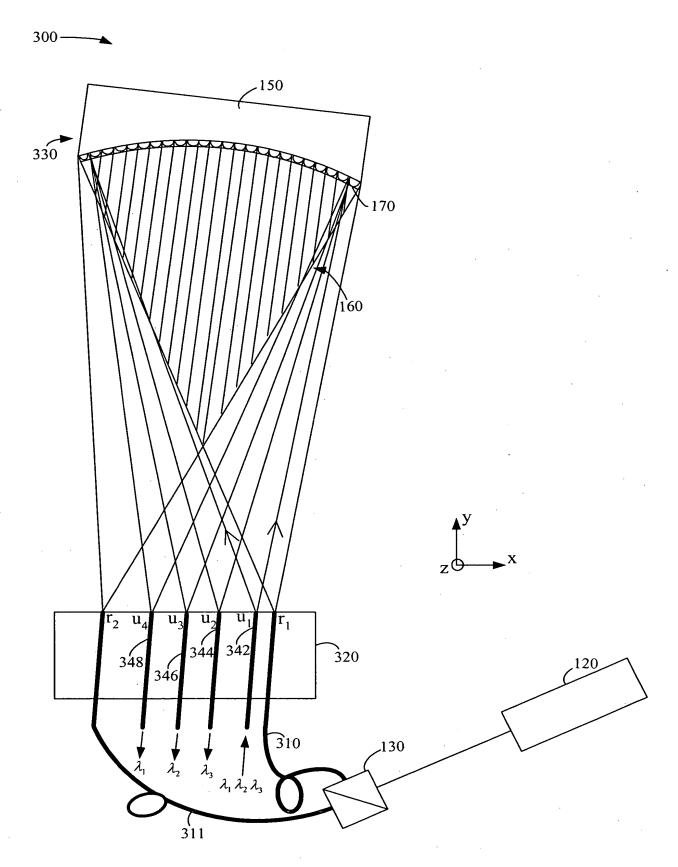


FIG. 3

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400

DETERMINE A POSITIONAL RELATIONSHIP BETWEEN RELATIVE LOCATIONS OF USE POINTS AND RECORDING POINTS WITH RESPECT TO A HOLOGRAPHIC DIFFRACTION GRATING

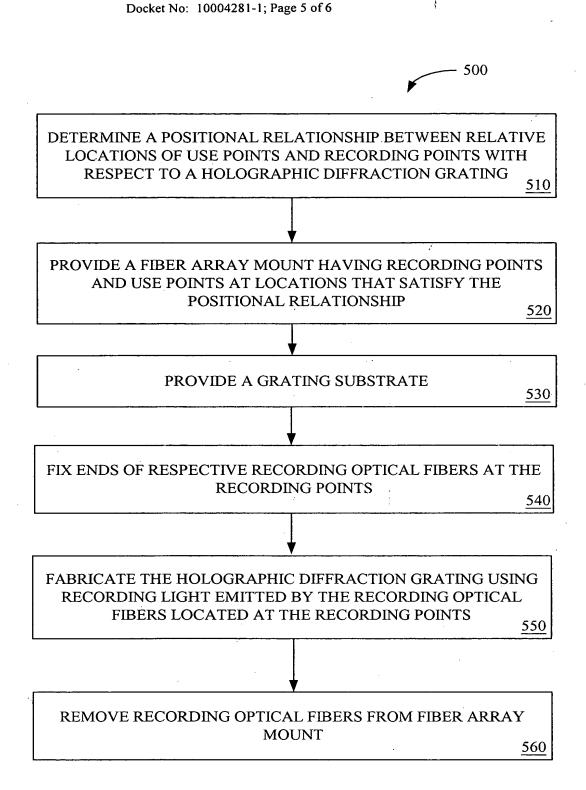
<u>410</u>

PROVIDE A FIBER ARRAY MOUNT HAVING RECORDING POINTS AND USE POINTS AT LOCATIONS THAT SATISFY THE POSITIONAL RELATIONSHIP

420

FABRICATE THE HOLOGRAPHIC DIFFRACTION GRATING USING RECORDING LIGHT EMITTED BY THE OPTICAL FIBERS LOCATED AT THE RECORDING POINTS

FIG. 4



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FIG. 5

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BY ALIGNING THE RECORDING POINTS WITH THE HOLOGRAPHIC DIFFRACTION GRATING, THE USE POINTS ARE SELF-ALIGNED WITH THE HOLOGRAPHIC DIFFRACTION GRATING 740

FIG. 7